

State of California
Business, Transportation and Housing Agency
Department of Transportation

PROGRAM AMENDMENTS
STIP Amendment 00S-033
Action Item
CTC Meeting: June 6-7, 2001

Prepared By:
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PROPOSED

Agenda Item: 2.1a.(12)

Original Signed By

W. J. EVANS
Chief Financial Officer
June 1, 2001

STIP AMENDMENT 00S-033 – ACTION

ACTION UPDATE FROM NOTICE

This item was noticed at the May 2001 Commission meeting.

The Commission expressed concern about projects that had previously been delayed and were now requesting another programming delay. They directed that those projects with their first construction (CON) programming delay would be approved without discussion and could be placed on the June Consent Calendar. They further directed that those projects with a prior construction programming delay return in June with an explanation of the previous delay(s) and a discussion about the relative certainty that the proposed schedule delay for construction can be met.

This amendment contains an explanation of the previous delay(s) and a discussion about the relative certainty that the proposed schedule delay for construction can be met.

In addition, corrections in the background on PPNO 0125G were made to reflect the proper references to projects and routes, as indicated in strike-through and bold.

SUMMARY

This amendment revises the scope, cost and/or schedule for the construction phases of six programmed projects on Route 215 in Riverside County, including splitting one of them into two projects. The net change in programming, by Fiscal Year, is: \$160,144,000 decrease in FY 2001-02, \$161,903,000 increase in FY 2002-03, and \$26,173,000 increase in FY 2003-04. The total delay of existing programming is \$160,144,000 for one year and the net increase of \$27,932,000 reduces Riverside County's unprogrammed share balance. These seven projects are to be identified as a corridor project.

RECOMMENDATION

The Department and the Riverside County Transportation Commission (RCTC) are requesting this amendment.

RESOLUTION

Resolved, that the California Transportation Commission revise the 2000 State Transportation Improvement Program (STIP) at the end of the 30 day notice period as shown on Attachment A.

BACKGROUND

This amendment revises the scope, cost and/or schedule for the construction phases of six programmed projects on Route 215 in Riverside County, including splitting one of them into two projects. The net change in programming, by Fiscal Year, is: \$160,144,000 decrease in FY 2001-02, \$161,903,000 increase in FY 2002-03, and \$26,173,000 increase in FY 2003-04. The total delay of existing programming is \$160,144,000 for one year and the net increase of \$27,932,000 reduces Riverside County's unprogrammed share balance. These seven projects are to be identified as a corridor project.

During preparation of the Final Project Report for these projects, it was discovered that the project scope and cost estimate of the 1997 Supplemental Project Study Report (PSR) needed to be substantially modified. In July 2000, a revised scope and cost estimate identified that an increase of approximately \$49 million might be needed to fund the preferred alternatives for various segments. On November 8, 2000, the RCTC board approved the revised scope and cost estimates. \$8,267,000 of the increase was funded in the 2000 STIP and this amendment provides the remaining \$40,692,000 using Regional Improvement Program (RIP) and Traffic Congestion Relief Program (TCRP) funds. This amendment also delays the delivery schedule for some of the projects impacted, either directly or indirectly, by the change in scope.

The programming changes to the individual projects within the proposed corridor are explained in the following paragraphs:

1) Northbound (NB) 215 to Westbound (WB) 91 fly-over project (PPNO 0125G)

This project is currently programmed with \$2,283,000 in RIP funds and \$115,951,000 in GF-RIP funds, of which \$2,774,000 in GF-RIP funds is being transferred to the High Occupancy Vehicle (HOV) Lane and Truck Climbing Lane project (~~Project #4~~ **Project #5**, PPNO 0121D). In addition, this project is being split into Phase 1 (Project #1a, PPNO 0125G) and Phase 2 (Project #1b, PPNO 0125K) for construction staging.

1a) Phase 1 (PPNO 0125G) will be funded with \$84,956,000 in GF-RIP, \$2,283,000 in RIP and \$20,000,000 in proposed TCRP funds. A TCRP application has been submitted for the June 2001 CTC meeting requesting \$20,000,000 of the \$40,000,000 earmarked (under TCRP Project #62) for the Route 91 HOV improvements within this STIP project's limits. The construction for this phase is being delayed from FY 2001-02 to FY 2002-03. The scope of this project is being amended to include a northbound lane on Route ~~215~~ **91** and to extend the auxiliary lanes on ~~eastbound Route~~ **Routes 91 and 215**.

1b) Phase 2 (PPNO 0125K) will be funded with the \$28,221,000 in GF-RIP funds remaining in the parent project. Construction of this phase is being delayed from FY 2001-02 to FY 2003-04.

2) Route 60/215 Truck Bypass lane project (PPNO 0121G)

This project is being delayed from FY 2001-02 to 2002-03 with no change in scope or cost. The delay of the NB 215 to WB 91 fly-over project impacted the construction schedule of this project.

3) HOV/Truck Climbing Lane & Interchange Reconstruction project (PPNO 0121B)

This amendment adds \$7,383,000 in RIP funds for construction programmed in FY 2002-03. The total cost of the project is revised from \$24,837,000 to \$32,220,000 to fund the cost increase necessitated by the changes in design to increase the length of a structure, modifications to retaining wall design, and increased embankment quantities. The construction schedule of the project remains unchanged.

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4) Widening, HOV & Southbound Truck Climbing Lane project (PPNO 0121E)

This amendment adds \$2,626,000 in RIP funds for construction in FY 2002-03. The total cost of the project is being revised from \$26,704,000 to \$29,330,000, consisting of \$22,330,000 in RIP funds and \$7,000,000 in local transportation funds. The revised cost estimate will address the new design requirements to increase intersection spacing that has resulted in extensive Mechanically Stabilized Earth (MSE) wall systems on the local frontage road. The construction schedule remains unchanged.

5) HOV and Truck Climbing Lane project (PPNO 0121D)

This amendment delays the construction of the project from FY 2001-02 to FY 2002-03. In addition, it adds a net total of \$13,457,000 to the construction component (adding \$2,774,000 in GF-RIP funds (deleted from PPNO 0125G), adding \$17,923,000 in RIP funds, and deleting \$7,240,000 in Local Transportation Funds). The cost changes were primarily related to the need for wider bridges to match the local arterials that have recently been widened by the City and the additional auxiliary lanes on Interstate 215 needed to improve freeway operation.

6) Interstate 215 fly-over connector project (PPNO 0125J)

This amendment identifies this project as part of the Route 215 Corridor. There are no changes to the cost, scope or schedule of this project.

The delivery schedule for those projects that are being delayed (Projects 1a, 1b and 5) are discussed below. The following paragraphs provide a table of programming history for these projects which is followed by brief explanations of the reasons for past delays along with justification for the proposed revision to the delivery schedule of these projects.

Programming History (Projects 1a, 1b, and 5)

CON Components	Action	Fiscal Year	(\$1,000)	Reason
Original Programming	1992 STIP Revision	1998-99	\$32,402	New Project
1 st Revision	1996 STIP	1999-00	\$76,303	Delay to FY 1999-00 due to lack of funds for comprehensive work costing \$670 million
2 nd Revision	G-98-19 (1998 STIP)	2001-02	\$79,378	Delay to FY 2001-02 due to lack of funds for comprehensive work costing \$670 million
This Proposal: Split of PPNO 0125G (Project 1a – PPNO 0125G)	00S-33	2002-03	\$50,431	Delay to FY 2002-03 due to added scope, cost changes and construction phasing
This Proposal: Split of PPNO 0125G to Project 1b – PPNO 0125K	00S-33	2003-04	\$26,173	Delay to FY 2003-04 due to added scope, cost changes and construction phasing
This Proposal: Transfer funds from pre-split PPNO 0125G to Project 5 – PPNO 0121D	00S-33	2002-03	\$2,774	Delay to FY 2002-03 due to added scope.

Discussion of Revised Programming

Originally, the Project Study Report for this corridor consisted of improvements on Interstate 215 in both Riverside and San Bernardino counties. The estimated cost of those improvements was about \$670 million. However, due to lack of funding, RCTC, SANBAG and FHWA agreed in

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1997 to focus on only the improvements in Riverside County. This strategy was reflected in the 1998 STIP programming for this project of \$262,964,000 (including local contribution) for the construction and right of way components. This amendment proposes to increase the cost of the construction and right of way components to \$311,923,000 (including local contribution) to address the added scope and revised cost estimates.

The environmental phase (PA&ED) for these corridor projects was originally anticipated to be completed in November 1998. Due to changes in scope, the PA&ED completion date was delayed to July 2001. The right of way work could not be started until completion of the PA&ED. With current PA&ED schedule on target for completion, the right of way work will begin in August 2001. The right of way work will be completed for projects #1a and #5 (PPNO's 0125G and 0121D) in 12 months and project #1b (PPNO 0125K) in 18 months. The Department is confident it can meet the revised delivery schedule of FY 2002-03 for projects #1a and #5 and FY 2003-04 for project #1b.

Programming History (Project #2 – PPNO 0121G)

CON Components	Action	Fiscal Year	(\$1,000)	Reason
Original Programming	1996 STIP	2000-01	\$12,259	New Project
1 st Revision	G-98-19 (1998 STIP)	2001-02	\$18,370	Delay to FY 2001-02 due to lack of funds for comprehensive work costing \$670 million
This Proposal	00S-33	2002-03	\$19,827	Delay to FY 2002-03 due to construction phasing

Discussion of Revised Programming

The construction schedule for this project is dependent on the schedule of the NorthBound 215 to WestBound 91 fly over project (project #1a, PPNO 0125G). With a revised schedule established for project #1a, the Department is confident it can deliver this project in FY 2002-03 as proposed.

Attachment A lists the Regional Improvement Program (RIP), Interregional Improvement Program (IIP), and Grandfathered RIP (GF-RIP) funds associated with the projects. Attachment B lists the local funds, if any, programmed for the projects. Attachment C lists the Transportation Congestion Relief Program (TCRP) funds identified for the projects.

ATTACHMENTS

STIP AMENDMENT 00S-033
STIP PROGRAMMING
(\$1,000)

ATTACHMENT A

FUND	County	Agency	Rte	Lead	Delay By	PPNO	Project	Project Totals by Fiscal Year						Project Totals by Component						
								Total	Prior	FY 01	FY 02	FY 03	FY 04	Fut	R/W	Const	E & P	PS&E	R/W Sup	Con Eng
GF RIP	RIV	Caltrans	215	CT	CT	0125G	Northbound 215 to Westbound 91 flyover	-115,951	-36,573		-79,378				-17,585	-69,642		-7,117	-11,871	-9,736
GF RIP	RIV	Caltrans	215	CT		0125G	Route 91/215 Phase 1 (RIV 215 Corridor)	84,956	34,525			50,431			17,585	43,332		5,189	11,751	7,099
RIP	RIV	Caltrans	215	CT	CT	0125G	Northbound 215 to Westbound 91 flyover	-2,283	-2,283						-2,283					
RIP	RIV	Caltrans	215	CT		0125G	Route 91/215 Phase 1 (RIV 215 Corridor)	2,283	2,283						2,283					
GF RIP	RIV	Caltrans	215	CT	CT	0125G	Northbound 215 to Westbound 91 flyover	0												
GF RIP	RIV	Caltrans	215	CT		0125K	Route 91/215 Phase 2 (RIV 215 Corridor)	28,221	2,048				26,173			23,536		1,928	120	2,637
							REASON FOR DELAY: Added scope, cost changes and construction phasing.													
RIP	RIV	Caltrans	215	CT	CT	0121G	Route 60/215 Truck Bypass lane	-13,849	-7,945		-5,904				-7,821	-5,877		-37	-87	-27
RIP	RIV	Caltrans	215	CT		0121G	Route 60/215 Truck Bypass lane (RIV 215 Corridor)	13,849	7,945			5,904			7,821	5,877		37	87	27
IIP	RIV	Caltrans	215	CT	CT	0121G	Route 60/215 Truck Bypass lane	-7,886			-7,886					-7,886				
IIP	RIV	Caltrans	215	CT		0121G	Route 60/215 Truck Bypass lane (RIV 215 Corridor)	7,886				7,886				7,886				
GF RIP	RIV	Caltrans	215	CT	CT	0121G	Route 60/215 Truck Bypass lane	-9,014	-2,977		-6,037					-2,986		-2,977		-3,051
GF RIP	RIV	Caltrans	215	CT		0121G	Route 60/215 Truck Bypass lane (RIV 215 Corridor)	9,014	2,977			6,037				2,986		2,977		3,051
							REASON FOR DELAY: Construction phasing.													
RIP	RIV	Caltrans	215	CT	CT	0121B	Reconstruct Interchange, add 2 HOV lanes, Truck Climbing Lane (Southbound)	-24,837	-5,875			-18,962			-2,896	-16,417		-2,631	-348	-2,545
RIP	RIV	Caltrans	215	CT		0121B	Reconstruct Interchange, add 2 HOV lanes, Truck Climbing Lane (Southbound) (RIV 215 Corridor)	32,220	5,875			26,345			2,896	23,800		2,631	348	2,545
							REASON: Cost increase													
RIP	RIV	Caltrans	215	CT	CT	0121E	Widen to 8 lanes, HOV & Southbound Truck Climbing Lane	-19,704	-4,987			-14,717			-2,615	-12,748		-1,973	-399	-1,969
RIP	RIV	Caltrans	215	CT		0121E	Widen to 8 lanes, HOV & Southbound Truck Climbing Lane (RIV 215 Corridor)	22,330	4,987			17,343			2,615	15,374		1,973	399	1,969
							REASON: Modified scope													
GF RIP	RIV	Caltrans	215	CT	CT	0121D	HOV, Truck Climbing Lane, El Cerrito Drive to junction 60/91/215	-30,289	-11,147		-19,142				-6,812	-13,016		-4,054	-281	-6,126
GF RIP	RIV	Caltrans	215	CT		0121D	HOV, Truck Climbing Lane, El Cerrito Drive to junction 60/91/215 (RIV 215 Corridor)	33,063	11,147			21,916			6,812	15,790		4,054	281	6,126
RIP	RIV	Caltrans	215	CT	CT	0121D	HOV, Truck Climbing Lane, El Cerrito Drive to junction 60/91/215	-43,919	-2,122		-41,797					-39,858		-2,044	-78	-1,939
RIP	RIV	Caltrans	215	CT		0121D	HOV, Truck Climbing Lane, El Cerrito Drive to junction 60/91/215 (RIV 215 Corridor)	61,842	2,122			59,720				57,781		2,044	78	1,939
							REASON FOR DELAY: Added scope													

STIP AMENDMENT 00S-033
STIP PROGRAMMING
(\$1,000)

ATTACHMENT A

FUND	County	Agency	Rte	Lead	Delay By	PPNO	Project	Project Totals by Fiscal Year							Project Totals by Component					
								Total	Prior	FY 01	FY 02	FY 03	FY 04	Fut	R/W	Const	E & P	PS&E	R/W Sup	Con Eng
IIP	RIV	Caltrans	215	CT	CT	0125J	I-215 Flyover Connector (SB to EB)	-42,928	-2,101				-40,827			-35,892		-2,101		-4,935
IIP	RIV	Caltrans	215	CT		0125J	I-215 Flyover Connector (SB to EB) (RIV 215 Corridor)	42,928	2,101				40,827			35,892		2,101		4,935
RIP	RIV	Caltrans	215	CT	CT	0125J	I-215 Flyover Connector (SB to EB)	-415					-415			-415				
RIP	RIV	Caltrans	215	CT		0125J	I-215 Flyover Connector (SB to EB) (RIV 215 Corridor) REASON: Include project in RIV 215 Corridor	415					415			415				

STIP AMENDMENT 00S-033
LOCAL PROGRAMMING
(\$1,000)

ATTACHMENT B

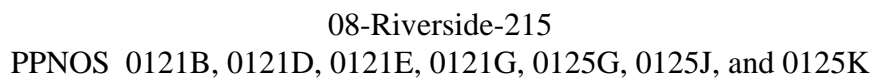
FUND	County	Agency	Rte	Lead	Delay By	PPNO	Project	Project Totals by Fiscal Year							Project Totals by Component						
								Total	Prior	FY 01	FY 02	FY 03	FY 04	Fut	R/W	Const	E & P	PS&E	R/W Sup	Con Eng	
Local	RIV	Caltrans	215	CT	CT	0121E	Widen to 8 lanes, HOV & Southbound Truck Climbing Lane	-7,000				-7,000				-7,000					
Local	RIV	Caltrans	215	CT		0121E	Widen to 8 lanes, HOV & Southbound Truck Climbing Lane (RIV 215 Corridor)	7,000				7,000				7,000					
Local	RIV	Caltrans	215	CT	CT	0121D	HOV, Truck Climbing Lane, El Cerrito Drive to junction 60/91/215	-7,240			-7,240					-7,240					
Local	RIV	Caltrans	215	CT		0121D	HOV, Truck Climbing Lane, El Cerrito Drive to junction 60/91/215 (RIV 215 Corridor)	0			0					0					
Local	RIV	Caltrans	215	CT	CT	0125J	I-215 Flyover Connector (SB to EB)	-13,327	-1,085	-10,326			-1,916		-10,326	-1,916			-1,085		
Local	RIV	Caltrans	215	CT		0125J	I-215 Flyover Connector (SB to EB) (RIV 215 Corridor)	13,327	1,085	10,326			1,916		10,326	1,916			1,085		

STIP AMENDMENT 00S-033
NON-STIP PROGRAMMING
(TCRP Funds)
(\$1,000)

ATTACHMENT C

FUND	FUND	County	Agency	Rte	Lead	Delay By	PPNO	Project	Total	Project Totals by Fiscal Year						Project Totals by Component					
										Prior	FY 01	FY 02	FY 03	FY 04	Fut	R/W	Const	E & P	PS&E	R/W Sup	Con Eng
TCRP	TCRP	RIV	Caltrans	215			0125G	Northbound 215 to Westbound 91 flyover	0												
TCRP	TCRP	RIV	Caltrans	215			0125G	Route 91/215 Phase 1 (RIV 215 Corridor)	20,000				20,000				20,000				

Location Map



Description: Widen to 8 lanes, construct high occupancy vehicle lanes, truck climbing and bypass lanes, auxiliary lanes, connector and interchange